

ELABORATE

GUIDED PRACTICE

ESTIMATED TIME 15 MIN

Water on Earth

GROUPING PAIRS

small groups

MATERIALS PER GROUP

- outline map of Earth
- crayons or markers

OBJECTIVES

Children will identify the locations of water on a world map.

TEACHER BACKGROUND

A physical map is one type of map that shows the physical landforms and features of a place. A physical map might show mountains, rivers, and lakes. In a physical map, the water is always colored with blue. Mountains and elevation changes are usually shown with different colors and shades to show relief. Usually, greens show lower elevations while browns show high elevations.

SAFETY PRECAUTIONS

- Observe the classroom to make sure it remains safe, orderly, and clean.
- Ask children to wash their hands after they finish the practice.

GUIDED PRACTICE

MATERIALS



map



crayons or markers

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Water on Earth



Ask a question: Where is Earth's water?

- 1 Find places with water on the map. Color them blue.
- 2 Find places with land on the map. Color them brown.
- 3 Make a key for the map explaining what the colors show.

SCIENCE SKILLS

By the end of this practice, children will use the following science skills:

- Observe
- Collect data
- Record data
- Communicate

MULTIPLE INTELLIGENCE ACTIVITY

Use the Multiple Intelligence Activity for this lesson to enrich and engage the different learning styles of each student.

4 Communicate

Write about your map and share it with your classmates.

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STEPS

- 1** Prepare the workstations with the materials and have children work in small groups. Children should identify the bodies of water on the map and color them blue. *Children should color water blue.*
- 2** Children will identify areas of land on the map and color them brown. *Children should color land brown.*
- 3** Have children make a map key showing what each color used on the map represents. *Accept all reasonable answers. The key should show what each color represents.*
- 4** **Communicate.** Have each group share their map with the class and have all groups compare their maps. Ask if there are any changes they could make to the colors of the map. Answers will vary. *Children should write about their maps and explain them to classmates.*

EXPECTED RESULTS

The children will color the bodies of water blue and areas of land brown. They will make a key for the map.

EXPLANATION

Oceans often shown as blue on maps because they look blue as they reflect the color of the sky. Landforms are often shown as brown because it is close to the color of rocks.

CONCLUSION

Objects on the map take the same color as it appear in nature.